

Title (en)
Cable assembly

Title (de)
Kabelzusammenbau

Title (fr)
Ensemble de câbles

Publication
EP 1478059 A3 20071212 (EN)

Application
EP 04004903 A 20040303

Priority
US 43947703 A 20030515

Abstract (en)
[origin: EP1478059A2] Provided is a communications cable assembly and method of making the same. The cable includes a plurality of conductive wires coated with an insulative jacket and bound within a cover. Located at a first end of the cable is a first connector that includes a plurality of insulation displacement contacts that can receive the wires. Located along the cable between the first and second ends is a second connector that includes a plurality of insulation displacement contacts. The wires are received in the insulation displacement contacts of the second connector prior to being received by the insulation displacement contacts of the first connector. The first connector and second connector are thereby connected in series. A third connector including a third plurality of insulation displacement contacts can be located at the second end of the cable. In an embodiment, the first and second connectors can be rigidly bound to each other.

IPC 8 full level
H01R 31/02 (2006.01); **H01R 4/24** (2006.01); **H01R 25/00** (2006.01)

CPC (source: EP US)
H01R 4/2454 (2013.01 - EP US); **H01R 25/006** (2013.01 - EP US); **H01R 31/02** (2013.01 - EP US); **H01R 2201/20** (2013.01 - EP US)

Citation (search report)

- [X] DE 19507791 C1 19960418 - SIEMENS NIXDORF INF SYST [DE]
- [X] WO 9506341 A1 19950302 - BERG TECH INC [US]
- [X] US 4236779 A 19801202 - TANG PAUL R
- [X] EP 0605200 A2 19940706 - SUMITOMO WIRING SYSTEMS [JP]
- [X] US 5041009 A 19910820 - MCCLEEREY EARL W [US]
- [X] FR 2287788 A1 19760507 - AMP INC [US]

Cited by
US2021090762A1; US11676741B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

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